

## List Of Equipments of Dept. OF E&amp;TC

**Communication Lab                      Built Up Area 116.39 Sqm**

| Sr.No. | Particulars   | Quantity | Amount |
|--------|---|----------|--------|
| 1      | Beltronix amplitude modulation                                | 1        | 800    |
| 2      | Beltronix amplitude demodulation                              | 1        | 800    |
| 3      | Beltronix AM signal generater                                 | 1        | 1850   |
| 4      | Beltronix tone burst signal generater                         | 1        | 1850   |
| 5      | Beltronix phase shift keyed signal generator                  | 1        | 1850   |
| 6      | Beltronix transistor audio P-amplifier                        | 1        | 950    |
| 7      | Beltronix FM signal generator                                 | 1        | 1850   |
| 8      | Beltronix frequency shift keyed signal generator              | 1        | 1850   |
| 9      | Beltronix magnetic amplifier                                  | 1        | 2800   |
| 10     | Beltronix simultaneous AM /FM signal generator                | 1        | 1850   |
| 11     | Beltronix audio output power supply meter                     | 1        | 2100   |
| 12     | Beltronix regulated power supply (NO-RPS 105A) (0-24 volt 1A) | 3        | 4950   |
| 13     | Beltronix microvolt meter MV 72                               | 1        | 4200   |
| 14     | Beltronix transistor RF oscillotor                            | 1        | 5400   |
| 15     | Beltronix short wave demonstrator                             | 1        | 5400   |
| 16     | 3-band, 5 value diametric AC receiver Omega type DB-6         | 1        | 984    |
| 17     | All Si transistor radio demonstrator board omega type DB-8    | 1        | 750    |
| 18     | Wattmeter single phase 10 A , 75/300/600 V                    | 1        | 841    |
| 19     | Walki-talki set (Transistor Reicever)                         | 1        | 1300   |
| 20     | VOM Units Model VV 015  | 1        | 1650   |
| 21     | AF –RF signal generator Marconi AF 808,30 MCIS                | 1        | 600    |
| 22     | Head phone  | 1        | 80     |
| 23     | Telegraph set lectuer pattern                                 | 1        | 225    |
| 24     | Morse sounder & key   | 1        | 100    |
| 25     | Audio cassette interface with recorder                        | 1        | 1350   |
| 26     | Superheterodyne receiver (Purnima)                            | 1        | 400    |
| 27     | Crystal Oscillator(Purnima)                                   | 1        | 400    |
| 28     | Output power meter 64A  | 1        | 2704   |
| 29     | Rheostats   |          | 1800   |
| 30     | EC TV Asauta B/W with antenna & booster Model-T1040           | 1        | 4850   |

|    | SR NO. 6122012                                 |   |     |
|----|--|---|-----|
| 31 | TP 303 signal generator AF -RF                 | 1 | 408 |
| 32 | Telephone set lectur pattern                   | 1 | 485 |
| 33 | Telegraph set table model                      | 1 | 292 |
| 34 | Sounder  | 2 | 130 |
|    | 1)Line man's hand set complete with dial       | 2 | 350 |
|    | 2)Telephone dial (auto black & plastic)        | 1 | 100 |
|    | 3)telephone dial (PD Colour)                   | 1 | 70  |
|    | 4)PD plastic                                   | 1 | 100 |
|    | 5)Hand generator                               | 1 | 80  |
|    | 6)armature uniselector heavy duty              | 1 | 80  |
|    | 7) armature vertical with magnet coil complete | 1 | 200 |
|    | 8)armature rotor with magnet coil complete     | 1 | 22  |
|    | 9)Body for auto new type                       | 1 | 55  |
|    | 10)Body for PD                                 | 1 | 100 |
|    | 11)Buzzer 3/5 volt                             | 1 | 55  |
|    | 12)Call bell DC 50 V round type (III)          | 5 | 310 |
| 35 | 1)Carban arrestor without heat coil and mica   | 1 | 400 |
|    | 2)Coil cord 4 way colored                      |   |     |
|    | 3)Coil cord with line cord 4 way black         | 1 | 26  |
|    | 4)Line cord 12 way PVC                         | 1 | 32  |
|    | 5)Condensor 1000 MFD/100volt                   |   |     |
|    | 6)Rop indicator                                | 1 | 35  |
|    | 7)Ear piece for PD color                       | 1 | 40  |
|    | 8)Fuse alarm 2"                                | 1 | 75  |
|    | 9)Fuse gate type                               | 2 | 20  |
|    | 10) HRC fuse(EE) 32 amp                        | 4 | 10  |
|    | 11)Jack strip CBNB 10x3                        | 4 | 10  |
|    | 12) Jack strip CBNB 20x3                       | 1 | 35  |
|    | 13) Jack strip CBNB 20x5                       | 1 | 45  |
| 36 | 1)Key for telegraphs                           | 2 | 110 |
|    | 2)Double current key                           | 2 | 220 |
|    | 3)LD Glass fuse 1.5 amp                        | 5 | 20  |
|    | 4)Line finder intrrupter spring set assembly   | 1 | 13  |
|    | 5)Mouth piece HMT                              | 1 | 6   |
|    | 6) Mouth piece PD Black                        | 1 | 6   |
|    | 7) Resistance ceramic 50 Ohm                   | 1 | 6   |
|    | 8) Resistance ceramic 200 Ohm                  | 1 | 7   |

|    |                                       |   |      |
|----|---------------------------------------|---|------|
|    | 9) Resistance ceramic 300 Ohm         | 1 | 7    |
|    | 10) Resistance ceramic 1000 Ohm       | 1 | 18   |
|    | 11)Line finder assembly complete      | 1 | 750  |
|    | 12)Transmitter for HMT                | 3 | 60   |
| 37 | 1)Transmitter for HG Eirisson type    | 1 | 60   |
|    | 2)Swith bord cord 3 meter             | 1 | 25   |
|    | 3)Soldering iron pencil bit 25 watt   | 3 | 72   |
|    | 4)Intercom handling mode (1+1)        | 1 | 900  |
|    | 5)Auto telephone black                | 2 | 800  |
|    | 6)Tag black build up type 3x25        | 1 | 105  |
|    | 7) Tag black build up type 10x25      | 1 | 285  |
|    | 8) Tag black build up type 4x25       | 1 | 135  |
|    | 9)Subscriber meter                    | 1 | 200  |
| 38 | 1)Student potentiometer               | 1 | 1400 |
|    | 2)Wheatstone bridge                   | 1 | 1950 |
|    | 3)Power Transformer                   | 3 | 4200 |
| 39 | 1)AM Transmitter(Adetron)             | 1 | 4750 |
|    | 2)FM Transmitter & Reicever (Adetron) | 1 | 6175 |
| 40 | 1)Transmission line (Omega)           | 1 | 1200 |
| 41 | Aditron make AM Modulator             | 1 | 1100 |
| 42 | Aditron make AM Demodulator           | 1 | 1000 |
| 43 | D to A converter                      | 1 | 1350 |
| 44 | A to D converter                      | 1 | 1350 |
| 45 | FM Modulator                          | 1 | 1100 |
| 46 | FM Demodulator                        | 1 | 1000 |
| 47 | FSK Modulator                         | 1 | 1400 |
| 48 | FSK Demodulator                       | 1 | 1400 |
| 49 | PAM Modulator                         | 1 | 1400 |
| 50 | PWM Modulator                         | 1 | 1400 |
| 51 | PCM Modulator                         | 1 | 1500 |
| 52 | Balanvced DSB Modulator               | 1 | 2100 |
| 53 | FM Tramsmmitter and reciever          | 1 | 6500 |
| 54 | PSK Aditron make modulator            | 1 | 1400 |
| 55 | AM transmitter and reciever           | 1 | 5000 |
| 56 | TV 14" B&W                            | 1 | 1650 |
| 57 | Satelite Reciever                     | 1 | 1400 |
| 58 | BPL Audio Cassette player             | 1 | 2021 |
| 59 | Unisound amplifier                    | 1 | 4345 |
| 60 | Ahuja Microphone AUD 101              | 1 | 1245 |
| 61 | Ahuja Microphone AUD 77               | 1 | 730  |
| 62 | AUD Mic stand                         | 1 | 735  |

|    |   |   |        |
|----|---|---|--------|
| 63 | Cordless microphone   | 1 | 850    |
| 64 | Cordless colored mic  | 1 | 1290   |
| 65 | Ahuja sound speaker   | 2 | 2050   |
| 66 | Philips DVD Player  | 1 | 4900   |
| 67 | Philips Speaker   | 2 | 1000   |
| 68 | Cable dish set  | 1 | 3593   |
| 69 | Cable coonector audio/video cable                                 | 1 | 570    |
| 70 | Color tv trainer with fault finding                               | 1 | 31950  |
| 71 | Graphic equiliser   | 1 | 4150   |
| 72 | AM Super heterdyne reicever                                       | 1 | 3250   |
| 73 | FM Super heterdyne reicever                                       | 1 | 2950   |
| 74 | Pulse code modulation   | 1 | 4290   |
| 75 | Pulse code demodulation   | 1 | 4290   |
| 76 | Delta Modulation  | 1 | 4350   |
| 77 | Delta Modulation  | 1 | 4350   |
| 78 | Adaptive delta modulation   | 1 | 4350   |
| 79 | Adaptive delta demodulation                                       | 1 | 4350   |
| 80 | Error detector and correction trainer                             | 1 | 4450   |
| 81 | FSK modulation  | 1 | 3150   |
| 82 | ASK modulation  | 1 | 3150   |
| 83 | Optical communication trainer with digital link                   | 1 | 15500  |
| 84 | AM Super heterdyne reicever trainer with fault creating fascility | 1 | 3250   |
| 85 | Complimentry cemntric push-pull amplifier                         | 1 | 2250   |
| 86 | Color TV Pattern generator  | 1 | 11500  |
| 87 | 11 RF Signal genrator   | 1 | 4900   |
| 88 | FM modulation   | 1 | 3150   |
| 89 | Optical communication trainer with analog link                    | 1 | 15500  |
| 90 | E plane T   | 1 | 4950   |
| 91 | H plane T   | 1 | 4950   |
| 92 | Magic plane T   | 1 | 4950   |
| 93 | Rectangular waveguide   | 1 | 4950   |
| 94 | Modem trainer   | 1 | 7850   |
|    | TOTAL   |   | 301688 |